



UNITED STATES PATENT AND TRADEMARK OFFICE

H.A

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/674,494 | 10/01/2003 | Hiroyoshi Takamiya | 03500.017689 | 4236 |
| 5514 | 7590 | 10/24/2006 | EXAMINER | |
| FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112 | | | FIDLER, SHELBY LEE | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2861 | |

DATE MAILED: 10/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | |
|------------------------------|-----------------|---------------------|
| Office Action Summary | Application No. | Applicant(s) |
| | 10/674,494 | TAKAMIYA, HIROYOSHI |
| Examiner | Art Unit | |
| Shelby Fidler | 2861 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 08 August 2006.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 19-39 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) 19-33 is/are allowed.
- 6) Claim(s) 34-39 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 01 October 2003 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

| | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date. _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 34-39 are rejected under 35 U.S.C. 102(e) as being anticipated by Goto et al. (US 6991327 B2).

The applied reference has a common assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

Regarding claims 34 and 36:

Goto et al. disclose a printer comprising:

a discrimination unit (determining means) adapted to discriminate whether a first print mode (borderless mode) in which a valid print area is not widened (Fig. 16c) is designated or a second print mode (normal mode) in which the valid print area is widened (Fig. 16a) is

designated, based on print data received from a host computer (col. 13, lines 5-8 and col. 24, lines 7-14); and

a drawing processing unit (control panel 2403) adapted to perform drawing processing for the print data received from the host computer (Fig. 7) by setting a specific position in a print sheet as a drawing origin (for the purpose of rejection, the starting print location of the print area on a sheet is read as "drawing origin") if the discrimination unit discriminates that the first print mode is designated (step S5-S6 of Fig. 7), and perform drawing processing for the received print data by setting an edge of a print sheet as a drawing origin if the discrimination unit discriminates that the second print mode is designated (steps S3-S4 of Fig. 7).

Regarding claims 35 and 37:

Goto et al. also disclose a print unit (printing cartridges 1) adapted to print image data obtained by the drawing processing performed by the drawing processing unit (col. 10, lines 28-35 and steps S4 or S6 of Fig. 7).

Regarding claim 38:

Goto et al. disclose all limitations of claim 36 that apply to claim 38 as well as the limitation of computer-executable program stored on a computer readable medium (col. 4, lines 50-53).

Regarding claim 39:

Goto et al. disclose all limitations of claim 37 that apply to claim 39 as well as the limitation of computer-executable program stored on a computer readable medium (col. 4, lines 50-53).

Allowable Subject Matter

Claims 19-33 are allowed.

Claims 19-23 are allowable. Claims 19-23 are allowable since the prior art of record does not disclose an information processing apparatus comprising a discrimination unit adapted to discriminate whether a first print mode, in which drawing positions are represented by coordinates relative to an origin that is defined at a specific position in a print sheet wherein a valid print area is not widened, is designated or a second print mode, in which drawing positions are represented by coordinates relative to an origin that is defined at an edge of a print sheet wherein the valid print area is widened, is designated in combination with other features and limitations of claim 19.

Claims 24-28 are allowable. Claims 24-28 are allowable since the prior art of record does not disclose an information processing method comprising a discrimination step of discriminating whether a first print mode, in which drawing positions are represented by coordinates relative to an origin that is defined at a specific position in a print sheet wherein a valid print area is not widened, is designated or a second print mode, in which drawing positions are represented by coordinates relative to an origin that is defined at an edge of a print sheet wherein the valid print area is widened, is designated in combination with other features and limitations of claim 24.

Claims 29-33 are allowable. Claims 29-33 are allowable since the prior art of record does not disclose a computer-executable program stored on a computer readable medium comprising discrimination code for discriminating whether a first print mode, in which drawing positions are represented by coordinates relative to an origin that is defined at a specific position in a print sheet wherein a valid print area is not widened, is designated or a

second print mode, in which drawing positions are represented by coordinates relative to an origin that is defined at an edge of a print sheet wherein the valid print area is widened, is designated in combination with other features and limitations of claim 29.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Communication with the USPTO

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shelby Fidler whose telephone number is (571) 272-8455. The examiner can normally be reached on MWF 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vip Patel can be reached on (571) 272-2458. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

 10/11/08

Shelby Fidler
Patent Examiner
AU 2861


Vip Patel
Supervisory Examiner
AU 2861